

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

C' 1. (Currently Amended) A method of eliminating the onset of Type 1 diabetes in a human patient, comprising the steps of:

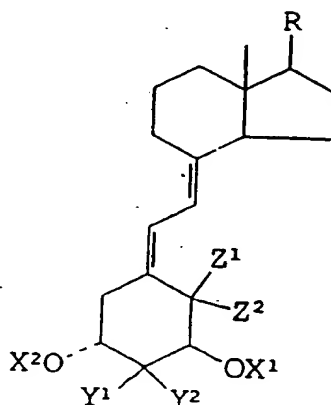
identifying a human Type 1 diabetes patient, wherein Type 1 diabetes is detectable in a patient with autoantibodies to β cell antigens; and

orally administering to the patient an effective amount of a 1α -hydroxy vitamin D compound such that the onset of Type 1 diabetes or Type 1 diabetes symptoms is eliminated.

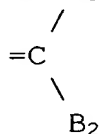
2. (Original) The method of claim 1 wherein the compound is selected from the group consisting of $1\alpha,25$ -dihydroxyvitamin D_3 ($1,25-(OH)_2D_3$), 19-nor- $1,25$ -dihydroxyvitamin D_2 (19-nor- $1,25-(OH)_2D_3$), 24-homo-22-dehydro-22E- $1\alpha,25$ -dihydroxyvitamin D_3 (24-homo-22-dehydro-22E- $1,25-(OH)_2D_3$), 1,25-dihydroxy-24(E)-dehydro-24-homo-vitamin D_3 ($1,25-(OH)_2$ -24-homo D_3), 19-nor- $1,25$ -dihydroxy-21-epi-vitamin D_3 (19-nor- $1,25-(OH)_2$ -21-epi- D_3), 1α hydroxy vitamin D_3 or 1α hydroxy vitamin D_2 .

3. (Currently Amended) The method of claim 1 wherein the vitamin D compound is selected from the group consisting of vitamin D compounds with the following formula:

C'cont.



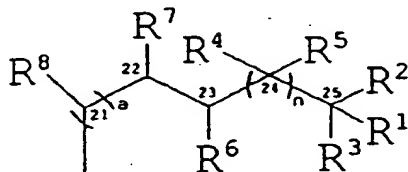
wherein X^1 and X^2 are each selected from the group consisting of hydrogen and acyl; wherein Y^1 and Y^2 ~~can be H,~~ or one can be are each selected from the group consisting of H, 0-aryl, 0-alkyl, aryl, and alkyl of 1-4 carbons, taken together to form an alkene having the structure of B_1



where B_1 and B_2 ~~can be~~ are selected from the group consisting of H, alkyl of 1-4 carbons and aryl, and have a β or α configuration; $Z^1=Z^2=H$ or Z^1 and Z^2 together are $=CH_2$; and wherein R is an alkyl, hydroxyalkyl or fluoroalkyl

group, or R ~~may represent~~ represents the following side chain:

C'cont.



wherein (a) has an S or R configuration, R¹ represents hydrogen, hydroxy or O-acyl, R² and R³ are each selected from the group consisting of alkyl, hydroxyalkyl and fluoralkyl, or, when taken together represent the group-(CH₂)_m-wherein m is an integer having a value of from 2 to 5, R⁴ is selected from the group consisting of hydrogen, hydroxy, fluorine, O-acyl, alkyl, hydroxyalkyl and fluoralkyl, wherein if R⁵ is hydroxyl or fluoro, R⁴ must be hydrogen or alkyl, R⁵ is selected from the group consisting of hydrogen, hydroxy, fluorine, alkyl, hydroxyalkyl and fluoroalkyl, or R⁴ and R⁵ taken together represent double-bonded oxygen, R⁶ and R⁷ taken together form a carbon-carbon double bond, R⁸ is H or CH₃, and wherein n is an integer having a value of from 1 to 5, and wherein the carbon at any one of positions 20, 22, or 23 in the side chain is replaced by an O, S, or N atom.

4. (Original) The method of claim 1 wherein the oral administration is via diet.

C'cont. 5. (Original) The method of claim 1 wherein the oral administration is at the concentration of between 0.005 μg to 0.2 μg per kilogram of patient weight per day.

Claims 6-10 (previously cancelled)
